

FIG. 1

RECEIVED TELEPHONE

100

USER RECORD

RECORD ID		NOTES	
FIRST NAME		CALL BACK NO.	
REFERRAL SOURCE		LAST NAME	
CARD NO.	EXP. DATE	CARD TYPE	STREET ADDRESS
STREET NO.	ZIP CODE	CITY	STATE
AGE	SEX	FAX NO.	EMAIL
APPROVAL	APPROVAL CODE	ADD ON APPROVAL	
LAWYER START TIME	LAWYER END TIME	FREE CALL	
ABORT CHARGE		900 NO.	
CALL DATE	CALL LENGTH	CHECK EXPECTED	
DISPOSITION	AREA OF LAW	CHECK RECEIVED	
ADD ON PRODUCT	BASE FEE	\$10 RECALL	
LAWYER ID	RECEPTIONIST ID	LINE	RECALL NO.

102

FIG. 2

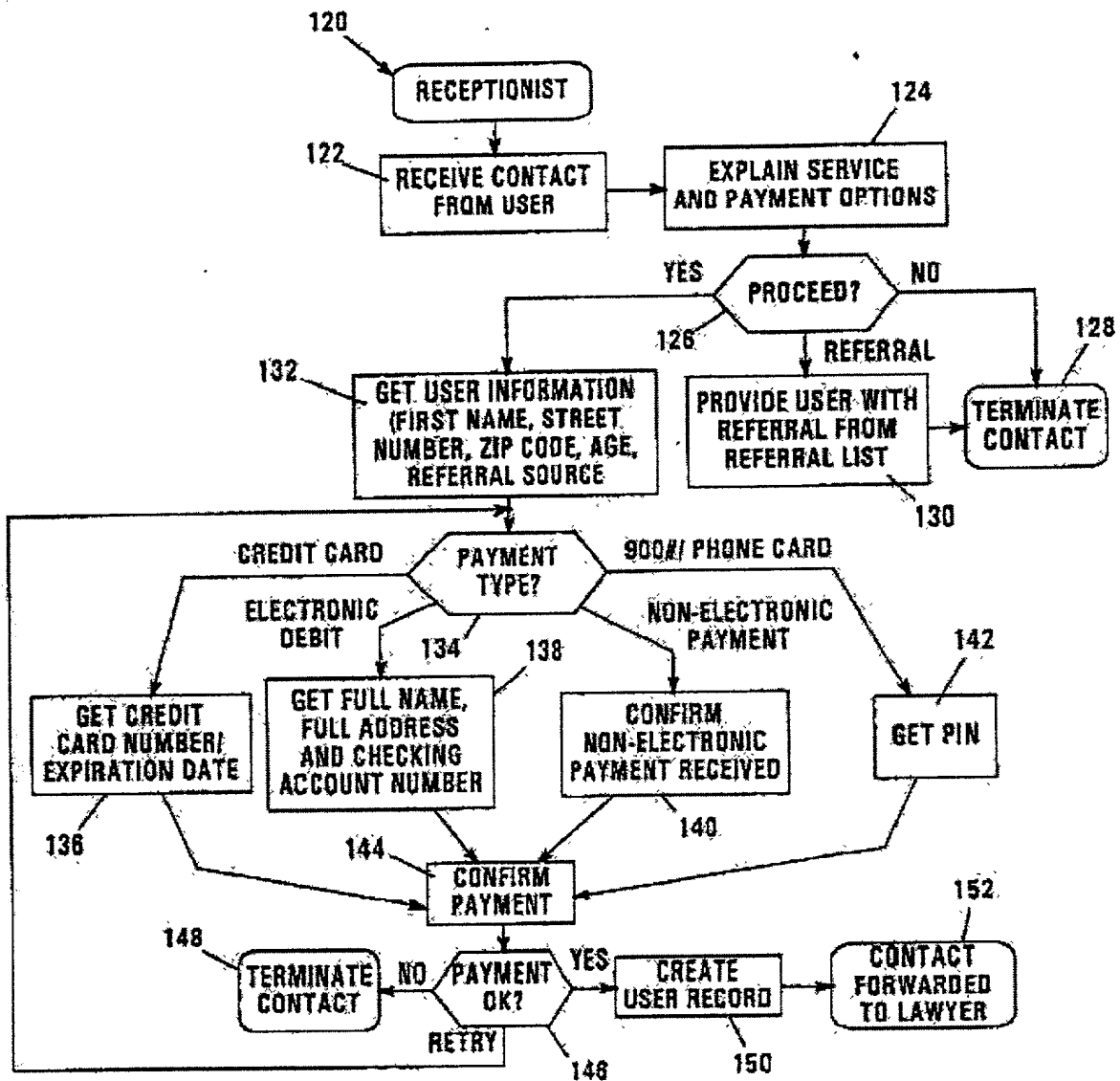


FIG. 3

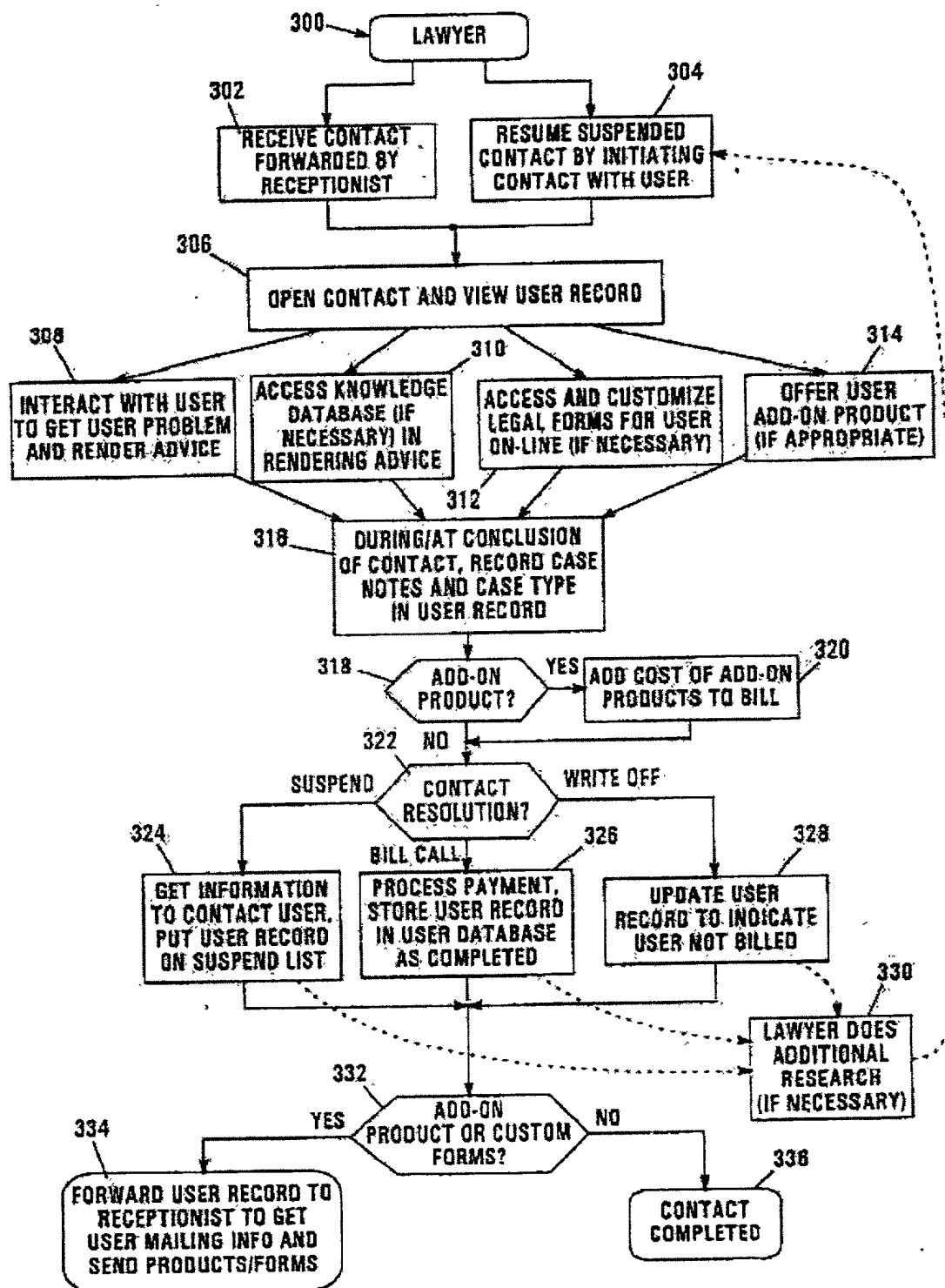


FIG. 4

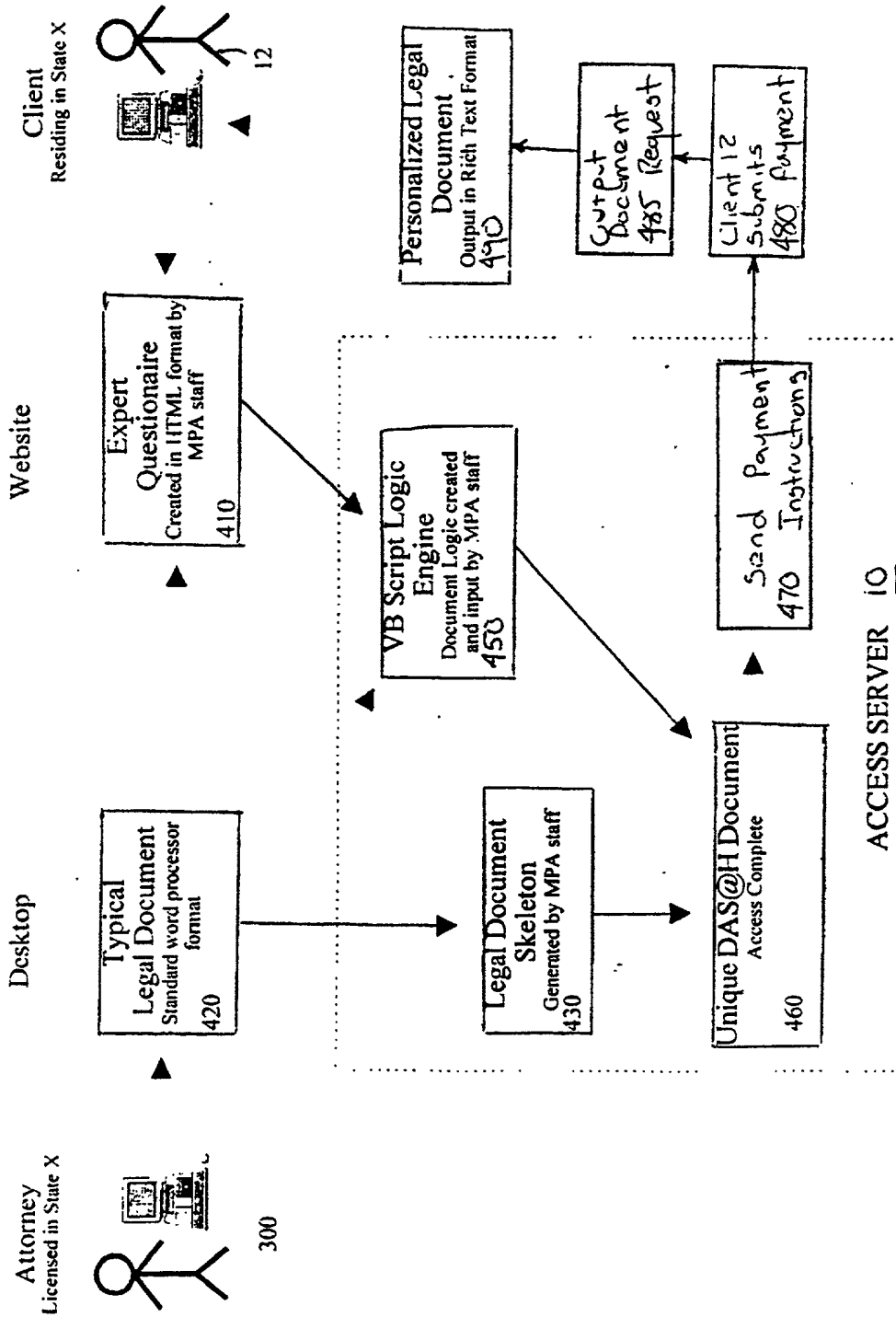


FIG. 5

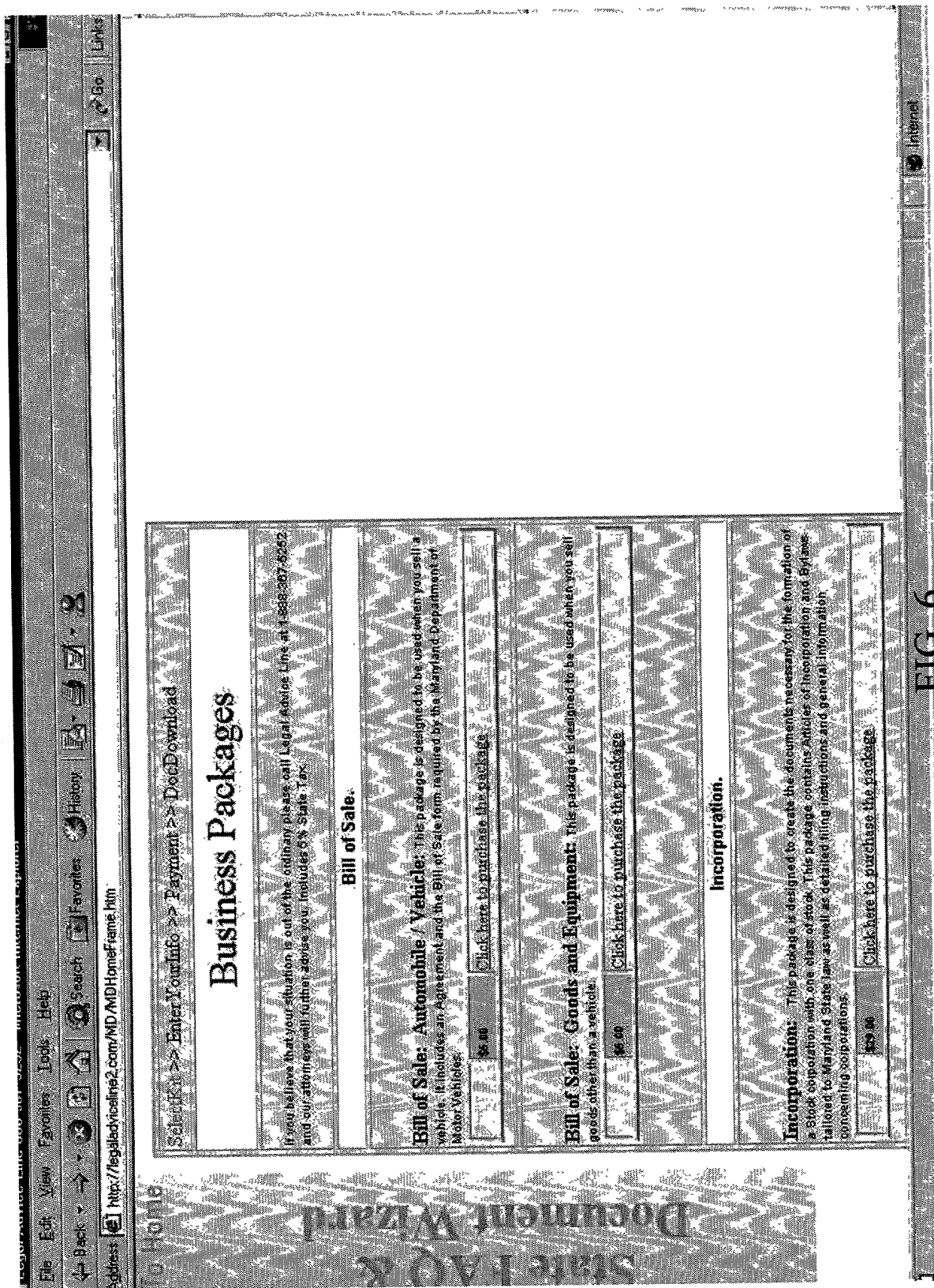



FIG. 6.

LegalAdviceLine

Call 1-888-367-5252

Talk to an attorney immediately (\$30)



LegalAdviceLine

Call 1-888-367-5252

Talk to an attorney immediately (\$30)

Bill of Sale - Automobile/ Vehicle

Please NOTE that this package is tailored to the sale and purchase of a vehicle. If the item(s) are goods or equipment please use your browser's Back button and select the package Agreement and Bill of Sale -- Goods and Equipment

Is there more than one purchaser?

No

What is the name of the purchaser?

Is there more than one Seller?

No

What is the name of the Seller?

Please state the sale price in words. For example: Two Thousand Five Hundred dollars.

Please state the sale price in numbers. For example: 2,500.00

\$

Is the vehicle being purchased for a price less than its fair market value?

Yes

If yes, state the reason the vehicle is being sold for a price less than fair market value:

FIG. 7

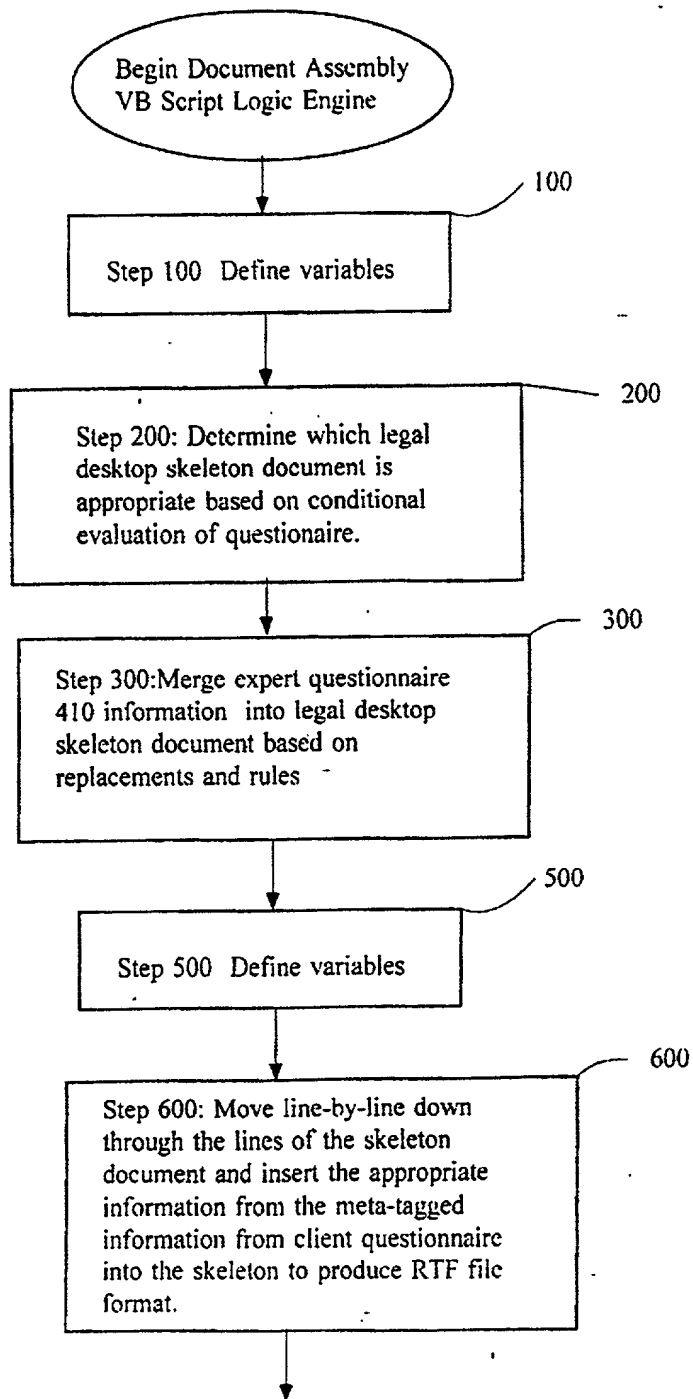


FIG. 8

Code Implementation

Option Explicit

Option Base 1

```
Public Olds() As String, News() As String, Concls() As String, CompVals() As String, Caps() As String
Public Widget() As String, cWidget2() As String, cWidget3() As String, cWidget4() As String, cWidget5() As
String, cWidget6() As String
Public cVal2() As String, cVal3() As String, cVal4() As String, cVal5() As String, cVal6() As String
Public cOP1() As String, cOP2() As String, cOP3() As String, cOP4() As String, cOP5() As String, cOP6() As
String
Public OpenTag() As String, CloseTag() As String, cWid() As String, cOP() As String, cVal() As String
Public DeliveryFileName As String, ProjID As String
```

BEGIN DOCUMENT ASSEMBLY

Step 100 Define variables

Sub Cgi_Main()

Dim fnameIn As String, fnameOut As String, TextLine As String, OutTextLine As String

Dim Client As String, SessnID As String, starttime As Single, i As Long, Retail As String

Dim MyDB As Database, MyTable As Recordset

Dim DFN As String, IFN As String, SFN As String, DBIndex As String, Deletions As Boolean, ptr As Long

Dim Deletelt As Boolean

'On Error GoTo DBError

Step 200: Determine which legal desktop skeleton document is appropriate based on conditional evaluation of questionnaire.

ProjID = GetCgiValue("ProjID")

Set MyDB = OpenDatabase("c:\inetpub\Databases\DocumentSet.mdb")

Set MyTable = MyDB.OpenRecordset(_

"SELECT * FROM Documents WHERE ProjectName = '" + ProjID + "'", dbOpenDynaset, dbReadOnly)

'1=dbOpenTable

MyTable.MoveFirst

DFN = MyTable!DeliveryFileName

IFN = MyTable!InstructionsFileName

SFN = MyTable!SkeletonFileName

Retail = MyTable!RetailPrice

DBIndex = CStr(MyTable!RecordID)

' SendHeader "This is a test"

' Send "<p><small>DeliveryFilename = " & MyTable!DeliveryFileName & "</p>"

' Send "<p>InstructionsFilename = " & MyTable!InstructionsFileName & "</p>"

' Send "<p>SkeletonFilename = " & MyTable!SkeletonFileName & "</p>"

' Send "<p>DBIndex = " & MyTable!RecordID & "
"

MyTable.Close

FIG. 9.1

```

Set MyTable = MyDB.OpenRecordset( _
    "SELECT * FROM Insertions WHERE DocRecordIDDowning = " + DBIndex + " ORDER BY
SequenceNumber", dbOpenDynaset, dbReadOnly) 'l=dbOpenTable
MyTable.MoveLast 'make sure to see them all
Send "# of tags = " & MyTable.RecordCount & "<br>"
ReDim News(MyTable.RecordCount)
ReDim Olds(MyTable.RecordCount)
ReDim Concls(MyTable.RecordCount)
ReDim CompVals(MyTable.RecordCount)
ReDim Caps(MyTable.RecordCount)
ReDim Widget(MyTable.RecordCount)
ReDim cWidget2(MyTable.RecordCount)
ReDim cWidget3(MyTable.RecordCount)
ReDim cWidget4(MyTable.RecordCount)
ReDim cWidget5(MyTable.RecordCount)
ReDim cWidget6(MyTable.RecordCount)
ReDim cVal2(MyTable.RecordCount)
ReDim cVal3(MyTable.RecordCount)
ReDim cVal4(MyTable.RecordCount)
ReDim cVal5(MyTable.RecordCount)
ReDim cVal6(MyTable.RecordCount)
ReDim cOP1(MyTable.RecordCount)
ReDim cOP2(MyTable.RecordCount)
ReDim cOP3(MyTable.RecordCount)
ReDim cOP4(MyTable.RecordCount)
ReDim cOP5(MyTable.RecordCount)
ReDim cOP6(MyTable.RecordCount)

```

Step 300: Determine which information from expert questionnaire 410 should be merged into legal desktop skeleton document based on conditional replacements and rules.

```

MyTable.MoveFirst
i = 1
While Not MyTable.EOF
    Olds(i) = MyTable!MetaTag
    Caps(i) = MyTable!Capitalize
    If MyTable!ConditionalType = "widget" Then
        Widget(i) = MyTable!QuestionnaireWidget
        Concls(i) = "no"
        If MyTable!Capitalize = "yes" Then
            News(i) = UCase(GetCgiValue(MyTable!QuestionnaireWidget))
        Else
            News(i) = GetCgiValue(MyTable!QuestionnaireWidget)
        End If
        If Len(News(i)) < 1 Then News(i) = " "
    Else 'ConditionalType == logic
        'There will always be at least one, set it up
        Widget(i) = MyTable!CondWidget1
    End If
    i = i + 1
Wend

```

FIG. 9.2

```

    Conds(i) = "1"
    News(i) = MyTable!RepText
    CompVals(i) = MyTable!CondValue1
    cOP1(i) = MyTable!CondOp1
    ,
    Now, check for a second conditional
    ,
    If Not IsNull(MyTable!CondWidget2) Then
        'There is a second conditional
        Conds(i) = "2"
        cWidget2(i) = MyTable!CondWidget2
        cVal2(i) = MyTable!CondValue2
        cOP2(i) = MyTable!CondOp2
        Now, check for a third conditional
        If Not IsNull(MyTable!CondWidget3) Then
            'There is a third conditional
            Conds(i) = "3"
            cWidget3(i) = MyTable!CondWidget3
            cVal3(i) = MyTable!CondValue3
            cOP3(i) = MyTable!CondOp3
            Now check for a fourth conditional
            If Not IsNull(MyTable!CondWidget4) Then
                'There is a fourth conditional
                Conds(i) = "4"
                cWidget4(i) = MyTable!CondWidget4
                cVal4(i) = MyTable!CondValue4
                cOP4(i) = MyTable!CondOp4
                Now, check for a fifth conditional
                If Not IsNull(MyTable!CondWidget5) Then
                    'There is a fifth conditional
                    Conds(i) = "5"
                    cWidget5(i) = MyTable!CondWidget5
                    cVal5(i) = MyTable!CondValue5
                    cOP5(i) = MyTable!CondOp5
                    Now check for a sixth conditional
                    If Not IsNull(MyTable!CondWidget6) Then
                        'There is a sixth conditional
                        Conds(i) = "6"
                        cWidget6(i) = MyTable!CondWidget6
                        cVal6(i) = MyTable!CondValue6
                        cOP6(i) = MyTable!CondOp6
                    End If
                End If
            End If
        End If
    End If
    i = i + 1
    MyTable.MoveNext
Wend
' For i = 1 To UBound(Olds) Step 1

```

FIG. 9.3

```

' Send "MetaTag =" & "<lt;" & Right(Olds(i), Len(Olds(i)) - 1) & " Widget =" & Widget(i) & " CmpV=" &
CompVals(i) & " Cap=" & Caps(i) & " Text=" & News(i) & " Conds=" & Conds(i) & "<br>"
' Next i

MyTable.Close
Now do deletions
Set MyTable = MyDB.OpenRecordset(
    "SELECT * FROM Deletions WHERE DocRecordIDowning = " + DBIndex + " ORDER BY
SequenceNumber", dbOpenDynaset, dbReadOnly) '1=dbOpenTable
If MyTable.EOF Then
    Deletions = False
Else
    Deletions = True
    MyTable.MoveLast 'make sure to see them all
    ReDim OpenTag(MyTable.RecordCount)
    ReDim CloseTag(MyTable.RecordCount)
    ReDim cWid(MyTable.RecordCount)
    ReDim cOP(MyTable.RecordCount)
    ReDim cVal(MyTable.RecordCount)
    MyTable.MoveFirst
    i = 1
    While Not MyTable.EOF
        OpenTag(i) = MyTable!OpeningTag
        CloseTag(i) = MyTable!ClosingTag
        cWid(i) = MyTable!CondWidget1
        cOP(i) = MyTable!CondOp1
        cVal(i) = MyTable!CondValue1
        i = i + 1
        MyTable.MoveNext
    Wend
End If

MyTable.Close
MyDB.Close

```

Step 400: Provide document name

'Send "</small>Please write down the document name. It will be usefull if this session gets interrupted. " + DeliveryFileName + "</p>"

```

"""" Get Naming stuff from the last page
SessnID = GetCgiValue("SessID")
Client = Trim$(GetCgiValue("txtfullname"))
SqueezeBlanks Client

```

```

DeliveryFileName = Client + DFN + SessnID + ".rtf"
MakeNewSessionRecord SessnID, DeliveryFileName, Client, IFN, Retail

```

FIG. 9.4

Step 500 Open a personal document file on server

```
fNameIn = "c:\inetpub\rawdocs\" + SFN  
fNameOut = "c:\inetpub\wwwroot\legaladviceline2.com\donedocs\" + DeliveryFileName
```

```
Open fNameIn For Input As #1  
Open fNameOut For Output As #2
```

Step 600: Line-by-line insertion of meta-tagged questionnaire information into skeleton document.

```
starttime = Timer
```

```
Do While Not EOF(1) ' Loop until end of file.
```

```
    Line Input #1, TextLine ' Read line into variable.
```

```
    If Deletions Then 'Delete lines prior to doing replacements
```

```
        For i = 1 To UBound(OpenTag) 'look for each tag in this line
```

```
            ptr = InStr(1, TextLine, OpenTag(i), vbBinaryCompare)
```

```
            If ptr <> 0 Then 'Found one of the opentags, do the copythru
```

```
                'Is condition to delete this section satisfied?
```

```
                DeleteIt = ConditionalSatisfied(cWid(i), cVal(i), cOP(i))
```

```
                If DeleteIt Then
```

```
                    RemovePages i
```

```
                End If
```

```
                'Read a new line in any event
```

```
                Line Input #1, TextLine ' Read line into variable.
```

```
            End If
```

```
            ptr = InStr(1, TextLine, CloseTag(i), vbBinaryCompare)
```

```
            If ptr <> 0 Then 'Found one of the closetags, skip it
```

```
                Line Input #1, TextLine ' Read line into variable.
```

```
            End If
```

```
        Next i
```

```
    End If
```

```
    If Len(TextLine) > 3 Then 'make sure its long enough to contain a tag
```

```
        OutTextLine = ReplaceAll(TextLine)
```

```
    Else
```

```
        OutTextLine = TextLine
```

```
    End If
```

```
    Print #2, OutTextLine
```

```
    If Timer > starttime + 90 Then
```

```
        sErrorDesc = "Timed out in cgi-main."
```

```
        Close #2
```

```
        Close #1
```

```
        ErrorHandler
```

```
    End
```

FIG. 9.5

```

End If
Loop

Close #2
Close #1 (Note, the foregoing code opens skeleton file, creates an empty target file, replaces meta-tags with
questionnaire info, and executes recursively line-by-line until exhausted and target file full)

SendRetrievalPage

End Sub
Sub RemovePages(i As Long)
Dim ptr As Boolean, tLine As String
'line containing the opening tag gets dumped

ptr = 0
'Will drop out of loop when closing tag is encountered.
Do While ptr = 0 'complete the lawyer pages
Line Input #1, tLine
ptr = InStr(1, tLine, CloseTag(i), vbBinaryCompare)
Loop

End Sub
Sub SqueezeBlanks(tmp As String)
Dim ss

Do
ss = InStr(1, tmp, " ")
If ss > 1 Then
tmp = Left$(tmp, ss - 1) + Right$(tmp, Len(tmp) - ss)
End If
Loop Until ss = 0
End Sub
Sub MakeNewSessionRecord(ID As String, DelFname As String, ClientName As String, InstrsFname As String,
Amt As String)
Dim MyDB As Database, MyTable As Recordset

On Error GoTo DBError

Set MyDB = OpenDatabase("c:\inetpub\Databases\LAL.mdb")
Set MyTable = MyDB.OpenRecordset("SessionData", dbOpenTable) '1=dbOpenTable

'look for duplicate
MyTable.MoveFirst
While Not MyTable.EOF
If Trim$(MyTable!SessionID) = ID Then
MyTable.Edit
MyTable!SessionID = ID + "X" 'Show record was not completed
MyTable.Update
End If
MyTable.MoveNext
Wend

```

FIG. 9.6

```

Now make new one
MyTable.MoveFirst
MyTable.AddNew
MyTable!SessionID = ID
MyTable!DeliveryFileName = DelFname
MyTable!PayType = "Void"
MyTable!Completed = False
MyTable!ClientName = ClientName
MyTable!PayInstrumentNumber = ""
MyTable!AmountBilled = Amt
MyTable!DeliverInstructionsFilename = InstrsFname
MyTable!Date = Now
MyTable.Update

MyTable.Close
MyDB.Close
Exit Sub

DBError:
MyTable.Close
MyDB.Close
sErrorDesc = " Error in session DB add client "
ErrorHandler
End
End Sub
Function ReplaceAll(TT As String) As String
Dim LL As String, RR As String, ss, x As Integer, tmp As String, starttime As Single
Dim WeDoIt As Boolean

    starttime = Timer

    WeDoIt = False

    tmp = TT
    ss = InStr(1, tmp, "<") 'If no metatag, don't do the search
    If ss = 0 Then
        ReplaceAll = tmp
        Exit Function
    End If

    For x = 1 To UBound(Olds)
        If Conds(x) <> "no" Then 'if conds = 1,2,3,4,5 then enter here
            'There is at least one conditional
            If ConditionalSatisfied(Widget(x), CompVals(x), cOP1(x)) Then
                'First condition was met, is there a second?
                If Val(Conds(x)) > 1 Then
                    'there is a second
                    If ConditionalSatisfied(cWidget2(x), cVal2(x), cOP2(x)) Then

```

FIG. 9.7

```

'The second conditional was met, is there a third?
If Val(Condl(x)) > 2 Then
  'There is a third conditional
  If ConditionalSatisfied(cWidget3(x), cVal3(x), cOP3(x)) Then
    'The third conditional was met, is there a fourth
    If Val(Condl(x)) > 3 Then
      'There is a fourth conditional
      If ConditionalSatisfied(cWidget4(x), cVal4(x), cOP4(x)) Then
        'Fourth conditional was met, is there a fifth?
        If Val(Condl(x)) > 4 Then
          'There is a fifth
          If ConditionalSatisfied(cWidget5(x), cVal5(x), cOP5(x)) Then
            'Fifth conditional was met, is there a sixth?
            If Val(Condl(x)) > 5 Then
              'There is a sixth
              If ConditionalSatisfied(cWidget6(x), cVal6(x), cOP5(x)) Then
                'Fixth conditional was met
                WeDoIt = True
              Else
                WeDoIt = False
              End If
            Else
              WeDoIt = True
            End If
          Else
            WeDoIt = False
          End If
        Else
          WeDoIt = True
        End If
      Else
        WeDoIt = False
      End If
    Else
      WeDoIt = True
    End If
  Else
    WeDoIt = False
  End If
Else
  WeDoIt = True
End If
Else ' The first conditional failed
  WeDoIt = False
End If

```

FIG. 9.8


```

Else ' No conditionals, just do the straight replacement
    WeDoIt = True
End If

If WeDoIt Then
    Do
        If Len(Olds(x)) = 0 Then Err.Raise vbObjectError + 1050, "ReplaceAll", "Zero length Olds() in ReplaceAll"
        If Len(News(x)) = 0 Then Err.Raise vbObjectError + 1051, "ReplaceAll", "Zero length News() in ReplaceAll"

        ss = InStr(1, tmp, Olds(x))
        If ss > 0 Then
            If ss > 1 Then
                LL = Left$(tmp, ss - 1)
            Else
                LL = ""
            End If
            RR = Right$(tmp, Len(tmp) - ss - Len(Olds(x)) + 1)
            tmp = LL + News(x) + RR
        End If
        If Timer > starttime + 5 Then
            sErrorDesc = "Loop exceeds 5 second timer in replace. X=" + Str$(x) + " tmp=" + tmp + "..." + Str$(ss)
            ErrorHandler
            Close
            End
        End If
    Loop Until ss = 0

End If
Next x
ReplaceAll = tmp
Exit Function

End Function
Function ConditionalSatisfied(Widget As String, Val As String, Op As String) As Boolean
    Select Case (Op)
        Case "="
            If UCase(Trim(GetCgiValue(Widget))) = UCase(Trim(Val)) Then
                ConditionalSatisfied = True
            Else
                ConditionalSatisfied = False
            End If
        Case "<"
            If UCase(Trim(GetCgiValue(Widget))) < UCase(Trim(Val)) Then
                ConditionalSatisfied = True
            Else
                ConditionalSatisfied = False
            End If
    End Select
End Function

```

FIG. 9.9

```

Case "<"
    If CSng(GetCgiValue(Widget)) < CSng(Val) Then
        ConditionalSatisfied = True
    Else
        ConditionalSatisfied = False
    End If
Case ">"
    If CSng(GetCgiValue(Widget)) > CSng(Val) Then
        ConditionalSatisfied = True
    Else
        ConditionalSatisfied = False
    End If
End Select
End Function

Sub SendRetrievalPage()

```

Step 470: Give client 12 his/her personalized document reference number and payment instructions via an HTML form bearing a Submit Request button.

SendHeader "Payment Instrument Selection"

Send "<p>Select Kit << EnterYourInfo << Payment>>
DocDownload</p>"

Send "<p>Your package of personalized documents has been successfully created. Select the
method of payment you wish to use.</p>"

Send "<p>Please write down this document reference ID. " + DeliveryFileName +
"</p>"

Send "<p>If this session gets interrupted, use the PanicButton on the home page with this ID to resume the
download</p>"

Send "<blockquote>"

Send "<p>Credit Card</p>"

Send "<p>On-Line Check</p>"

Send "<p>Subscription</p>"

Send "</blockquote>"

SendFooter

End Sub

FIG. 9.10